Refine Search

Search Results -

Terms	Documents
L9 and L10	0

Database:

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US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search: L11

[Refine Search]

[Recall Text ⬍] [Clear] [Interrupt]

Search History

DATE: Wednesday, February 14, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L11	l9 and L10	0	L11
L10	turn$ adj signal	16713	L10
L9	l5 and L8	4	L9
L8	sensor	1490127	L8
L7	l5 and L6	0	L7
L6	plurality adj sensor	19213	L6
L5	l3 and L4	7	L5
L4	vehicle	1977197	L4
L3	lane adj chang$ adj assistant	7	L3
DB=PGPB; PLUR=YES; OP=OR			
L2	lane adj chang$ adj assistant	4	L2
L1	lane adj changing adj assistant	2	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L25 and L26	0

Database:

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US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
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Search: L27

[Refine Search]

[Recall Text]   [Clear]   [Interrupt]

Search History

DATE: Wednesday, February 14, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name Query side by side	Hit Count	Set Name result set
DB=USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR		
L27 l25 and L26	0	L27
L26 l19 adj L24	378	L26
L25 l18 or l22	8	L25
L24 chang$	4409834	L24
L23 chnag$	134	L23
DB=USPT; PLUR=YES; OP=OR		
L22 (5862509 | 6038559 | 6295503 | 6415225 | 5410486 | 6061628)![PN]	6	L22
L21 ("6804604")[PN]	1	L21
DB=USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR		
L20 lane	132220	L20
DB=DWPI; PLUR=YES; OP=OR		
L19 lane	10618	L19
DB=USPT; PLUR=YES; OP=OR		
L18 ("6804604")[URPN]	2	L18
DB=DWPI; PLUR=YES; OP=OR		
L17 1485283.pn.	5	L17
DB=EPAB; PLUR=YES; OP=OR		

L16	1485283.pn.	0	L16
DB=DWPI; PLUR=YES; OP=OR			
L15	3076249.pn.	1	L15
DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L14	lane and l12	2	L14
L13	l3 and L12	0	L13
L12	6804604.pn.	3	L12
L11	l9 and L10	0	L11
L10	turn$ adj signal	16713	L10
L9	l5 and L8	4	L9
L8	sensor	1490127	L8
L7	l5 and L6	0	L7
L6	plurality adj sensor	19213	L6
L5	l3 and L4	7	L5
L4	vehicle	1977197	L4
L3	lane adj chang$ adj assistant	7	L3
DB=PGPB; PLUR=YES; OP=OR			
L2	lane adj chang$ adj assistant	4	L2
L1	lane adj changing adj assistant	2	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
lane adj chang$ adj assistant	4

Database:

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US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Interference (M2)

Search:

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L2
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[Refine Search]

[Recall Text ⬍]   [Clear]   [Interrupt]

Search History

DATE: Wednesday, February 14, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB; PLUR=YES; OP=OR

Set Name	Query	Hit Count	Set Name
L2	lane adj chang$ adj assistant	4	L2
L1	lane adj changing adj assistant	2	L1

END OF SEARCH HISTORY

Hit List

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20060038108 A1

L2: Entry 1 of 4   File: PGPB   Feb 23, 2006

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PGPUB-DOCUMENT-NUMBER: 20060038108
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060038108 A1
```

TITLE: Image-generation device, in particular for installation in the roof area or exterior rearview mirror of a motor vehicle

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Belau; Horst	Langquaid		DE

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
Siemens Aktiengesellschaft				03

APPL-NO: 10/538406   [PALM]
DATE FILED: November 21, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	10259795.2	2002DE-10259795.2	December 19, 2002

PCT-DATA:

DATE-FILED	APPL-NO	PUB-NO	PUB-DATE	371-DATE
Nov 21, 2003	PCT/EP03/13096			Jun 10, 2005

INT-CL-PUBLISHED:

TYPE	IPC	DATE	IPC-OLD
IPCP	H01L27/00	20060101	H01L027/00

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	H01 L 27/00	20060101

US-CL-PUBLISHED: 250/208.1
US-CL-CURRENT: 250/208.1

ABSTRACT:

The invention relates to an image generation device (1), particularly a 3D camera. The inventive

image generation device (1) is designed in order to obtain small dimensions and to take thermal considerations into account. The camera (1) has at least one, in particular, rigid first printed board (10) for highly complex semiconductors such as a microcontroller (11), memory (12), etc. with at least one optical image recording sensor (50), and has a second printed board (20) for all other components such as, in particular, large capacitors, transistors, resistors, coils (21) or plugs (22), etc. The first (10) and second (20) printed boards are mounted on, preferably glued to, a metallic base plate (40). The inventive image generation device (1) advantageously comprises, at least in the area of its optics modules (50, 51, 52, 53), a minimum overall height thus making it particularly well-suited for use as a built-in component serving as an occupant recognition unit in the roofliner, as a lane-change assistant in the exterior rearview mirror or for similar applications or installation locations in a motor vehicle even in locations where extreme installation conditions exist and prior art camera systems fail.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Desc | Image |

☐ 2.   Document ID: US 20060009910 A1

L2: Entry 2 of 4   File: PGPB   Jan 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060009910
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060009910 A1

TITLE: Lane changing assistant for motor vehicles

PUBLICATION-DATE: January 12, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ewerhart; Frank	Weinsberg		DE
Guenther; Clemens	Ettlingen. 91		DE
Wittig; Thomas	Ehningen		DE

APPL-NO: 11/155832   [PALM]
DATE FILED: June 17, 2005

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	10 2004 029 369.4	2004DE-10 2004 029 369.4	June 17, 2004

INT-CL-PUBLISHED:

TYPE	IPC	DATE	IPC-OLD
IPCP	G06F17/10	20060101	G06F017/10

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	G06 F 17/10	20060101

US-CL-PUBLISHED: 701/301; 701/096
US-CL-CURRENT: 701/301; 701/96

ABSTRACT:

A lane changing assistant for motor vehicles, having a speed control system and a surroundings

sensor system for recording the traffic environment including the traffic in an adjacent lane, having a decision device for deciding whether a lane changing request of the driver is to be accepted, and having a command device for issuing an acceleration command to the speed control system in the case of a lane changing request, wherein a recognition device is developed to recognize a window for swinging into the adjacent lane without danger, in the light of the data of the surroundings sensor system; and the command device is developed to compute an acceleration strategy adjusted to the window, including a point in time for the beginning of the acceleration.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image

3. Document ID: US 20050280518 A1

L2: Entry 3 of 4   File: PGPB   Dec 22, 2005

PGPUB-DOCUMENT-NUMBER: 20050280518
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050280518 A1

TITLE: Door system for a motor vehicle

PUBLICATION-DATE: December 22, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bartels, Arne	Wolfsburg	CA	DE
Beil, Falk	Braunschweig		DE
Finn, Brian	East Palo Alto		US
Schaaf, Klaus	Braunschweig		DE

APPL-NO: 10/927991   [PALM]
DATE FILED: August 26, 2004

RELATED-US-APPL-DATA:
non-provisional-of-provisional 60498335 20030826 US

INT-CL-PUBLISHED: [07] B60Q 1/00, G08B 19/00

US-CL-PUBLISHED: 340/435; 340/522, 340/545.1, 340/686.6, 340/691.3
US-CL-CURRENT: 340/435; 340/522, 340/545.1, 340/686.6, 340/691.3

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

A door system for a motor vehicle includes a door, an environmental sensor for detecting an obstacle in the vicinity of the motor vehicle, a door sensor for outputting an output signal as a function of the initiation of the opening of the door, and a control unit for detecting an imminent collision between the door and the obstacle as a function of an output signal of the environmental sensor and for triggering a warning device such that a warning may be output by the warning device in response to the detection of an imminent collision between the door and the obstacle. During the triggering of the warning device, the control unit distinguishes between at least two selectable warning stages, a first warning stage and a second warning stage, and the selection of a warning stage by the control unit is a function of the output signal of the door sensor.

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application claims the benefit of U.S. Provisional Application No. 60/498,335, filed on Aug. 26, 2003, which is expressly incorporated herein in its entirety by reference thereto.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |

☐ 4. Document ID: US 20050155808 A1

L2: Entry 4 of 4   File: PGPB   Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050155808
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050155808 A1

TITLE: Lane-change assistant for motor vehicles

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Braeuchle, Goetz	Reichartshausen		DE
Boecker, Juergen	Stuttgart		DE

APPL-NO: 10/507445   [PALM]
DATE FILED: March 9, 2005

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	102 10 723.8	2002DE-102 10 723.8	March 12, 2002

PCT-DATA:

DATE-FILED	APPL-NO	PUB-NO	PUB-DATE	371-DATE	102(E)-DATE
Oct 9, 2002	PCT/DE02/03808				

INT-CL-PUBLISHED: [07] B62D 5/06

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	B62 D 15/00	20060101
CIPS	B62 D 15/02	20060101

US-CL-PUBLISHED: 180/402
US-CL-CURRENT: 180/402

REPRESENTATIVE-FIGURES: 2

ABSTRACT:

Lane changing assistant for motor vehicles, controlling an automatic changing of the vehicle to a neighboring lane in response to a command by the driver as part of a lane keeping system of the motor vehicle and having an operating element that is movable in opposite directions out of a neutral position, wherein a sensor is assigned to the operating element for each adjustment

direction and the sensor supplies a multi-valued output signal which corresponds to the operation of the operating element and determines the dynamics of the lane changing procedure.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
lane adj chang$ adj assistant	4

Display Format: FRO | Change Format

Previous Page   Next Page   Go to Doc#

Refine Search

Search Results -

Terms	Documents
L24 and L25	13

Database:
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US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search: `L26` ▲ ▼ | Refine Search |

| Recall Text ⬍ | | Clear | | Interrupt |

Search History

DATE: **Tuesday, February 13, 2007**   **Purge Queries**   Printable Copy   Create Case

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L26	l24 and L25	13	L26
L25	turn adj signal	15429	L25
L24	L23 and l3	16	L24
L23	collision	190039	L23
L22	L21 and l7	8	L22
L21	plurality adj sensor	28464	L21
L20	(lane adj change) near procedure	3	L20
L19	lane adj change adj procedure	0	L19
DB=PGPB; PLUR=YES; OP=OR			
L18	US-20050155808-A1.did.	1	L18
L17	US-20050155808-A1.did.	1	L17
L16	US-20050155808-A1.did.	1	L16
L15	US-20050155808-A1.did.	1	L15
L14	US-20050155808-A1.did.	1	L14
L13	US-20050155808-A1.did.	1	L13
L12	US-20050155808-A1.did.	1	L12
DB=EPAB; PLUR=YES; OP=OR			

| L11 | EP-1485283-B1.did. | 0 | L11 |
| L10 | EP-1485283-A1.did. | 0 | L10 |

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L9	l7 and L8	2	L9
L8	neutral	486755	L8
L7	l3 and L6	19	L7
L6	direction	5979870	L6
L5	l3 and L4	0	L5
L4	moving adj direction	83796	L4
L3	l1 and L2	22	L3
L2	automatic adj lane adj chang$3	22	L2
L1	(lane adj chang$3)	2839	L1

END OF SEARCH HISTORY